

# SkyAir Systems

SkyAir is the ultimate ducted and duct free solution for light commercial and residential whole house applications. Ranging from 18,000 Btu/h to 42,000 Btu/h, these innovative systems provide energy efficiency, technological reliability and installation flexibility.

Key features and benefits include:

- DC fan motor improves efficiency compared to conventional AC motors.
- Aero spiral fan and grille minimizes turbulence and increases sound reduction.
- Reluctance brushless DC compressor increases efficiency.
- Swing compressor with friction reduction and quieter rotation or scroll compressor with robust and low sound design provides maximum durability.
- Long piping lengths up to 230 ft. allow layout flexibility.
- Anti-corrosion treatment on the outdoor heat exchanger increases durability.



These one-to-one systems offer connectivity with a variety of indoor units for a simple solution for almost any application.



Wall mounted FAQ/FTXS units are compact and made with a sophisticated design to blend in discretely with any interior décor. These units feature wide angle louvers and auto-swing functions for comfortable airflow distribution.



DC Ducted FBQ units offer a low profile design for an easily concealed look. At less than 12" in height, these built-in systems provide a powerful solution for any small to mid-size application.



Round flow ceiling cassette FCQ units provide an elegant and customizable solution ideal for open plan applications. Easily cleaned with airflow flexibility, systems are a low maintenance option for all around comfort.



Ceiling suspended FHQ units have a slim and elegant design for open or structured applications. With wide air openings and an innovative stream fan, operation is quiet and comfortable throughout the entire space.



Daikin's inverter ducted FTQ units are a cost-effective, space-saving alternative to traditional systems. These systems are designed for quiet operation with superior heating capabilities.

# SkyAir Features



		SkyAir					
Type		Cool Only and Heat Pump					
Models		FTXS	FAQ	FBQ	FCQ	FHQ	FTQ
Comfortable Airflow	Pulse Amplitude Modulation	●	●	●	●	●	●
	Power Airflow Dual Flaps	●					
	Wide Angle Louvers	●					
	Vertical Auto Swing (up and down)	●	●		●	●	
	Horizontal Auto Swing (left and right)	●					
	3 D Airflow	●					
Comfort Control	Comfortable Mode	●					
	Indoor Unit Quiet Operation	●					
	Outdoor Unit Quiet Operation	●	●	●	●	●	●
	Intelligent Eye	●					
	Automatic Operation (heat pump only)	●	●	●	●	●	●
	Program Dry Function	●	●	●	●	●	●
Healthy	Auto Fan Speed	●					
	Hot Start (heat pump only)	●	●	●	●	●	●
	Mold Proof Air Filter	●	●	●	●	●	●
	Titanium Apatite Photocatalytic Air Purifying Function	●					
	Wipe Clean Flat Panel	●					
	Standby Electricity Saving	●					
Lifestyle	Econo Mode	●					
	Powerful Operation	●					
	Remote Controller with Backlit Display	●	◆	◆	◆	◆	◆
	LCD Wireless Remote Control	●	○	○		○	
Timers	Indoor Unit On/Off Timer	●	●	●	●	●	●
	24 Hour On/Off Timer	●	●	◆	◆	◆	◆
	Weekly Timer	●	◆	◆	◆	◆	◆
Worry Free	Night Set Mode	●	◆	◆	◆	◆	◆
	Auto Restart After Power Failure	●	●	●	●	●	●
	Self Diagnosis with Digital Display	●	●	●	●	●	●
	Anticorrosion Treatment of Outdoor Heat Exchanger Fin	●	●	●	●	●	●

● Standard Feature

○ Optional Feature

◆ With BRC1E72 Controller

# Wall Mounted Unit



RZQ\_PVJU9  
RZR\_PVJU



FAQ\_PVJU



BRC1E72  
(Option)



BRC7E818  
(Option)

## Sleek in design with comfort control features.

Key features include:

- Energy efficiency up to SEER 18.6 and HSPF 9.1
- Wide angle louvers distribute comfortable airflow
- Auto-swing function ensures efficient air distribution
- Front panel can be removed for easy cleaning
- Quiet operation as low as 37 dB(A)
- Optional wireless controller
- Optional wired controller
- Optional condensate pump



Combination of FAQ18PVJU with RZQ18PVJU9 qualify for the Energy Tax Extenders of The American Taxpayers Relief Act of 2012.



System Performance				
Model Name	Indoor (Cooling Only and Heat Pump)		FAQ18PVJU	FAQ24PVJU
	Outdoor (Cooling Only)		RZR18PVJU	RZR24PVJU
	Outdoor (Heat Pump)		RZQ18PVJU9	RZQ24PVJU9
Cooling Capacity (Rated)	Btu/h	18,000	24,000	
Heating Capacity (Rated)	Btu/h	20,000	26,000	
SEER		18.6	17.6	
EER		12.7	10.2	
HSPF*		8.7	9.1	
Power Supply	V/ph/Hz	208-230V/1/60		
Minimum Circuit Amps	A	16.5	16.5	
Maximum Overcurrent Protection	A	20.0	20.0	
Power Consumption - Cooling	W	1,420	2,350	
Power Consumption - Heating*	W	1,870	3,300	
Indoor Units - FAQ_PVJU Wall Mount Units				
Model Name		FAQ18PVJU	FAQ24PVJU	
Moisture Removal	gal/h	n/a	n/a	
Airflow (H/L)	CFM	500/400	635/470	
Sound Pressure - Cooling (H/L)	dB(A)	43/37	43/37	
Sound Pressure - Heating (HL)*	dB(A)	43/37	43/37	
Piping Connections	Liquid (O.D.)	in.	Ø 3/8	Ø 3/8
	Gas (O.D.)	in.	Ø 5/8	Ø 5/8
	Condensate Drain	in.	Ø 11/16	Ø 11/16
Dimensions (H x W x D)	Inch	11-3/8 x 41-3/8 x 9		
Net Weight	lbs.	31	31	
Outdoor Units - RZR_PVJU Cooling Only and RZQ_PVJU9 Heat Pump				
Model Name	Cooling Only	RZR18PVJU	RZR24PVJU	
	Heat Pump	RZQ18PVJU9	RZQ24PVJU9	
Sound Pressure Level - Cooling/Heating*	dB(A)	49/49	49/49	
Operating Range - Cooling	°F DB	23 - 115	23 - 115	
Operating Range - Cooling with Optional Wind Baffle	°F DB	0 - 115	0 - 115	
Operating Range - Heating*	°F DB	0 - 77	0 - 77	
Operating Range - Heating*	°F WB	0 - 60	0 - 60	
Max. Piping Length	ft.	164	164	
Max. Piping Height	ft.	98	98	
Dimensions (H x W x D)	in.	30-5/16 x 35-7/16 x 12-5/8		
Net Weight	lbs.	150	150	

\*Applicable to heat pump models only

# Wall Mounted Unit



**Sophisticated in design with energy saving features.**

Key features include:

- Energy efficiency up to SEER 19.3
- Intelligent eye adjusts operation mode depending on occupancy, maximizing energy savings
- Wide angle louvers and 3-D airflow provide comfortable and efficient air distribution
- Titanium apatite photocatalytic air-purifying filter provides cleaner, healthier air
- Standby electricity saving feature reduces energy consumption by up to 90% when the system is not in use



Ultra Low Ambient kit for RKS\_LVJU will extend worry free operation with factory tested and approved cooling operation down to -40°F/-40°C.



System Performance			
Model Name	Indoor (Cooling Only and Heat Pump)	FTXS30LVJU	FTXS36LVJU
	Outdoor (Cooling Only)	RKS30LVJU	RKS36LVJU
	Outdoor (Heat Pump)	RXS30LVJU	RXS36LVJU
Cooling Capacity (Rated)	Btu/h	30,000	36,000
Cooling Capacity (Min - Max)	Btu/h	10,200 - 30,000	10,200 - 36,000
Heating Capacity (Rated)*	Btu/h	34,800	38,000
Heating Capacity (Min - Max)*	Btu/h	10,200 - 34,800	10,200 - 38,000
SEER / EER		19.3 / 10.71	17.9 / 8.37
HSPF*		8.3	8.3
Power Supply	V/ph/Hz	208-230V/1/60	
Minimum Circuit Amps	A	19.5	19.5
Maximum Overcurrent Protection	A	20.0	20.0
Power Consumption - Cooling	W	2,800	4,300
Power Consumption - Heating*	W	3,900	4,200
Indoor Units - FTXS_LVJU Wall Mounted Units			
Model Name		FTXS30LVJU	FTXS36LVJU
Airflow (H/M/L/SL)	CFM	706/611/519/473	770/635/519/473
Sound Pressure - Cooling (H/M/L/SL)	dB(A)	47/45/40/37	49/45/40/37
Sound Pressure - Heating (H/M/L/SL)*	dB(A)	47/44/38/35	49/44/38/35
Piping Connections	Liquid (O.D.)	in. Ø 3/8	Ø 3/8
	Gas (O.D.)	in. Ø 5/8	Ø 5/8
	Condensate Drain	in. Ø 5/8	Ø 5/8
Dimensions (H x W x D)	in.	13-3/8 x 47-1/4 x 9-7/16	
Net Weight	lbs.	38.0	
Outdoor Units - RKS_LVJU Cooling Only and RXS_LVJU Heat Pump			
Model Name	Cooling Only	RKS30LVJU	RKS36LVJU
	Heat Pump	RXS30LVJU	RXS36LVJU
Sound Pressure Level - Cooling/Heating*	dB(A)	54/55	54/55
Operating Range - Cooling	°F DB	14 - 115	14 - 115
Operating Range - Cooling with Optional Wind Baffle	°F DB	0 - 115	0 - 115
Operating Range - Cooling with Optional Wind Baffle and Low Ambient Kit	°F DB	-40 - 115	-40 - 115
Operating Range - Heating*	°F DB	5 - 75	5 - 75
Operating Range - Heating with Optional Wind Baffle*	°F DB	0 - 75	0 - 75
Max. Piping Length	ft.	98.4	98.4
Max. Piping Height	ft.	65.6	65.6
Dimensions (H x W x D)	in.	38-15/16 x 37 x 12-5/8	
Net Weight	lbs.	179.0	179.0

\*Applicable to heat pump models only

Ultra Low Ambient kit contains a code heater, crank case heater, and printed circuit board and can be installed on the following models only:

Kit Model	Outdoor Units	Indoor Units	Tons
2F018535-1	RKS30LVJU	FTXS30LVJU	2.5
2F018535-2	RXS36LVJU	FTXS36LVJU	3.0

Optional outdoor unit wind baffle, KPW5E112, is required and sold separately.

Optional Code Heater: 208/230V 60Hz 7W      Optional Crank Case Heater: 208/230V 60Hz 18W



# DC Duct Concealed



RZQ\_PVJU(9)  
RZR\_PVJU



FBQ\_PVJU



BRC1E72  
(Option)  
BRC4C82  
(Option)



## Powerful system in a compact design.

Key features include:

- Medium external static pressure (ESP) capabilities offer up to 0.8" W.G.
- DC fan motor provides improved efficiency
- Three user selected fan speeds available plus fan "Auto" logic
- Built-in condensate pump
- Bottom access for easy service
- Low profile design at less than 12" high
- Optional wired controller



Combination of FBQ18PVJU with RZR18PVJU and FBQ18PVJU with RZQ18PVJU9 qualify for the Energy Tax Extenders of The American Taxpayers Relief Act of 2012.

### System Performance

Model Name	Indoor (Cooling Only and Heat Pump)	FBQ18PVJU	FBQ24PVJU	FBQ30PVJU	FBQ36PVJU	FBQ42PVJU
	Outdoor (Cooling Only)	RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Outdoor (Heat Pump)	RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated)	Btu/h	18,000	24,000	30,000	36,000	42,000
Heating Capacity (Rated)	Btu/h	20,000	27,000	34,000	40,000	47,000
SEER		17.5	16.5	16.0	17.5	16.0
EER		14.1	12.0	10.5	11.2	10.2
HSPF*		10.6	10.5	9.2	9.1	8.8
Power Supply	V/ph/Hz	208-230/1/60				
Minimum Circuit Amps	A	16.5	16.5	16.5	27	27
Maximum Overcurrent Protection	A	20	20	20	30	30
Power Consumption - Cooling	W	1,280	2,000	2,860	3,210	4,120
Power Consumption - Heating*	W	1,540	2,330	3,020	3,350	4,050

### Indoor Units - FBQ\_PVJU DC Duct

Model Name	FBQ18PVJU	FBQ24PVJU	FBQ30PVJU	FBQ36PVJU	FBQ42PVJU	
Airflow (H/M/L)	CFM	635/582/529	688/618/565	882/794/706	1130/953/812	1377/1165/988
External Static Pressure	"W.G.	Standard 0.40 (0.80 - 0.20)				
Sound Pressure - Cooling (H/M/L)	dB(A)	41/39/37	42/40/38	43/41/39	43/41/39	44/42/40
Sound Pressure - Heating (H/M/L)*	dB(A)	41/39/37	42/40/38	43/41/39	43/41/39	44/42/40
Piping Connections	Liquid (O.D.)	in.	Ø 1/4 **	Ø 3/8	Ø 3/8	Ø 3/8
	Gas (O.D.)	in.	Ø 1/2 **	Ø 5/8	Ø 5/8	Ø 5/8
	Condensate Drain	in.	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4
Dimensions (H x W x D)	Inch	11-13/16 x 39-3/8 x 27-9/16			11-13/16 x 55-1/8 x 27-9/16	
Net Weight	lbs.	80	80	80	102	102

### Outdoor Units - RZR\_PVJU Cooling Only and RZQ\_PVJU(9) Heat Pump

Model Name	Cooling Only	RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Heat Pump	RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Sound Pressure Level - Cooling/Heating*	dB(A)	49/49	49/49	49/49	58/58	58/58
Operating Range - Cooling	°F DB	23 - 115	23 - 115	23 - 115	23 - 115	23 - 115
Operating Range - Cooling with Optional Wind Baffle	°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating*	°F DB	0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Operating Range - Heating*	°F WB	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Max. Piping Length	ft.	164	164	164	230	230
Max. Piping Height	ft.	98	98	98	164	164
Dimensions (H x W x D)	in.	30-5/16 x 35-7/16 x 12-5/8			52-15/16 x 35-7/16 x 12-5/8	
Net Weight	lbs.	150	150	150	283	283

\*Applicable to heat pump models only

\*\*use a 3/8" x 5/8" line set and reduce at the indoor unit connections. Refer to Technical Bulletin #001-13.

MERV 13 Filter Kit Option contains a MERV 13 filter, adapter frame and easy to follow installation instructions and can be installed on the following models only:

Kit Model	Indoor Units
DACA-FXMQ12-13-1K	FXMQ07-12PVJU
DACA-FXMQ30-13-1K	FXMQ18-30PVJU
DACA-FXMQ48-13-1K	FXMQ36-48PVJU

### Enthalpy economizer (field applied accessory)

Model	Indoor Units
ECONMQ30P-8-1K (MERV 8 Filter)	FBQ18-30PVJU
ECONMQ30P-13-1K (MERV 13 Filter)	
ECONMQ48P-8-1K (MERV 8 Filter)	FBQ36-42PVJU
ECONMQ48P-13-1K (MERV 13 Filter)	

# Round Flow Cassette



RZQ\_PVJU(9)  
RZR\_PVJU



FCQ\_PAVJU



BRC1E72  
(Option)

## Customizable comfort ideal for open plan applications.

Key features include:

- 23 configurable airflow patterns ensure ideal air distribution for maximum comfort and savings
- 360° airflow reduces draft
- Lower air velocities provide better airflow distribution
- Stain resistant decoration panel allows for easy cleaning
- Condensate pump provided as standard
- Outside air integration possible
- Optional wired controller



Combination of FCQ18PAVJU with RZR18PVJU and FCQ18PAVJU with RZQ18PVJU9 qualify for the Energy Tax Extenders of The American Taxpayers Relief Act of 2012.



## System Performance

Model Name	Indoor (Cooling Only and Heat Pump)		FCQ18PAVJU	FCQ24PAVJU	FCQ30PAVJU	FCQ36PAVJU	FCQ42PAVJU
	Outdoor (Cooling Only)		RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Outdoor (Heat Pump)		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated)		Btu/h	18,000	24,000	30,000	36,000	42,000
Heating Capacity (Rated)		Btu/h	20,000	27,000	34,000	40,000	47,000
SEER			17.2	16.8	15.8	17.5	16
EER			13.9	12.0	10.2	11.2	10.2
HSPF*			10.1	9.7	9.7	8.4	8.5
Power Supply		V/ph/Hz	208-230/1/60				
Minimum Circuit Amps		A	16.5	16.5	16.5	27.0	27.0
Maximum Overcurrent Protection		A	20.0	20.0	20.0	30.0	30.0
Power Consumption - Cooling		W	1,380	2,000	3,230	3,160	4,080
Power Consumption - Heating*		W	1,460	2,080	2,930	3,260	4,050

## Indoor Units - FCQ\_PVJU Roundflow Cassette

Model Name	FCQ18PAVJU		FCQ24PAVJU	FCQ30PAVJU	FCQ36PAVJU	FCQ42PAVJU
Airflow (H/M/L)		CFM	560/470/390	780/620/470	830/670/530	1180/910/700
Sound Pressure - Cooling (H/M/L)		dB(A)	32/30/27	36/32/28	38/35/31	44/38/32
Sound Pressure - Heating (H/M/L)*		dB(A)	32/30/27	36/32/28	38/35/31	44/38/32
Piping Connections	Liquid (O.D.)	in.	Ø 1/4 **	Ø 3/8	Ø 3/8	Ø 3/8
	Gas (O.D.)	in.	Ø 1/2 **	Ø 5/8	Ø 5/8	Ø 5/8
	Condensate Drain	in.	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4
Dimensions (H x W x D)		in.	9-11/16 x 33-1/16 x 33-1/16			11-5/16 x 33-1/16 x 33-1/16
Net Weight		lbs.	43.0	48.5	48.5	55.0

## Outdoor Units - RZR\_PVJU Cooling Only and RZQ\_PVJU(9) Heat Pump

Model Name	Cooling Only		RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Heat Pump		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Sound Pressure Level - Cooling/Heating*		dB(A)	49/49	49/49	49/49	58/58	58/58
Operating Range - Cooling		°F DB	23 - 115	23 - 115	23 - 115	23 - 115	23 - 115
Operating Range - Cooling with Optional Wind Baffle		°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating*		°F DB	0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Operating Range - Heating*		°F WB	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Max. Piping Length		ft.	164	164	164	230	230
Max. Piping Height		ft.	98	98	98	164	164
Dimensions (H x W x D)		in.	30-5/16 x 35-7/16 x 12-5/8			52-15/16 x 35-7/16 x 12-5/8	
Net Weight		lbs.	150	150	150	283	283

\*Applicable to heat pump models only \*\*use a 3/8" x 5/8" line set and reduce at the indoor unit connections. Refer to Technical Bulletin #001-13.

MERV 13 Filter Kit Option contains a MERV 13 filter and easy to follow installation instructions and can be installed on the following models only:

Kit Model	Indoor Units
DACA-FQP13-1K	FCQ18-42PAVJU

# Ceiling Suspended



RZQ\_PVJU(9)  
RZR\_PVJU



FHQ\_PVJU  
FHQ\_MVJU



BRC1E72  
(Option)



BRC7E83  
(Option)

## A slim solution for open or structured ceilings.

Key features include:

- Slim in height at less than 8"
- Auto-swing capability with 100° airflow pattern distributes comfortable airflow
- Innovative stream fan technology keeps sound pressure levels low
- Lateral servicing space allows installation in corners, narrow spaces, walls, and ceilings
- Flat panel design makes cleaning simple
- Concealed piping
- Optional wired controller
- Optional condensate pump



Combination of FHQ18PVJU with RZR18PVJU, and FHQ18PVJU with RZQ18PVJU9, and FHQ24PVJU with RZQ24PVJU9 qualify for the Energy Tax Extenders of The American Taxpayers Relief Act of 2012.



System Performance							
Model Name	Indoor (Cooling Only and Heat Pump)		FHQ18PVJU	FHQ24PVJU	FHQ30PVJU	FHQ36MVJU	FHQ42MVJU
	Outdoor (Cooling Only)		RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Outdoor (Heat Pump)		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated)	Btu/h		18,000	24,000	30,000	36,000	40,500
Heating Capacity (Rated)	Btu/h		20,000	27,000	34,000	37,500	39,500
SEER			18.0	18.1	17.2	14.0	13.8
EER			14.0	12.6	10.5	10.2	9.5
HSPF*			11.1	10.0	8.4	8.1	8.2
Power Supply	V/ph/Hz		208-230/1/60				
Minimum Circuit Amps	A		16.5	16.5	27	27	27
Maximum Overcurrent Protection	A		20	20	30	30	30
Power Consumption - Cooling	W		1,290	1,900	2,860	3,530	4,260
Power Consumption - Heating*	W		1,510	2,200	3,690	3,660	3,990
Indoor Units - FHQ_PVJU Ceiling Suspended							
Model Name			FHQ18PVJU	FHQ24PVJU	FHQ30PVJU	FHQ36MVJU	FHQ42MVJU
Airflow (H/L)	CFM		790/670	790/670	790/670	830/670	850/700
Sound Pressure - Cooling (H/L)	dB(A)		45/-	45/-	45/-	46/-	47/-
Sound Pressure - Heating (H/L)*	dB(A)		45/-	45/-	45/-	46/-	47/-
Piping Connections	Liquid (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8
	Gas (O.D.)	in.	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
	Condensate Drain	in.	Ø 1	Ø 1	Ø 1	Ø 1	Ø 1
Dimensions (H x W x D)	in.		7-11/16 x 62-5/8 x 26-3/4				
Net Weight	lbs.		90	90	90	90	90
Outdoor Units - RZR_PVJU Cooling Only and RZQ_PVJU(9) Heat Pump							
Model Name			RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
	Cooling Only		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Sound Pressure Level - Cooling/Heating*	dB(A)		49/49	49/49	49/49	58/58	58/58
Operating Range - Cooling	°F DB		23 - 115	23 - 115	23 - 115	23 - 115	23 - 115
Operating Range - Cooling with Optional Wind Baffle	°F DB		0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating*	°F DB		0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Operating Range - Heating*	°F WB		0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Max. Piping Length	ft.		164	164	164	230	230
Max. Piping Height	ft.		98	98	98	164	164
Dimensions (H x W x D)	in.		30-5/16 x 35-7/16 x 12-5/8			52-15/16 x 35-7/16 x 12-5/8	
Net Weight	lbs.		150	150	150	283	283

\*Applicable to heat pump models only

# Inverter Ducted



RZQ\_PVJU9



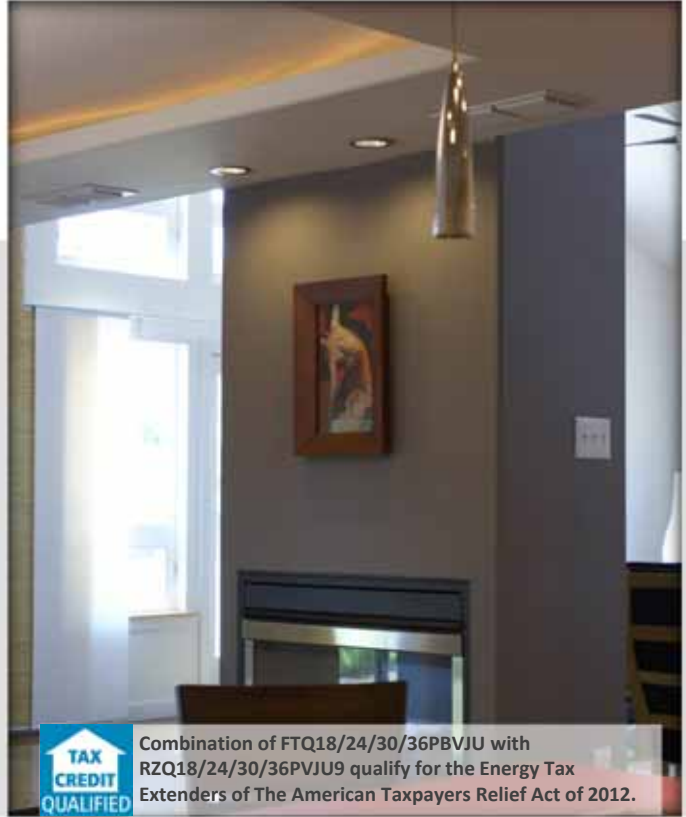
FTQ\_PBVJU



BRC1E72  
(Option)



BRC4C82  
(Option)



## An intelligent alternative to traditional unitary systems.

Key features include:

- Up flow or horizontal right configurations for the indoor unit
- Energy efficiency up to SEER 20.0
- High heating capacity at low ambient temperatures as low as 0°F with no electrical heat
- Field-installed electric heater options available from 3 kW to 15 kW (electric heater connection kit part no. KER26A60 required for electric heat integration)
- Low outdoor unit sound levels (as low as 49 dB(A)) compared to traditional systems (73 dB(A))



Combination of FTQ18/24/30/36PBVJU with RZQ18/24/30/36PVJU9 qualify for the Energy Tax Extenders of The American Taxpayers Relief Act of 2012.

System Performance						
Model Name	Indoor	FTQ18PBVJU	FTQ24PBVJU	FTQ30PBVJU	FTQ36PBVJU	FTQ42PBVJU
	Outdoor	RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU9	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated)	Btu/h	18,000	24,000	30,000	36,000	40,000
Heating Capacity (Rated)	Btu/h	20,000	27,000	34,000	40,000	47,000
SEER		20.0	19.0	19.5	18.0	17.0
EER		14.5	13.5	13.5	12.5	12.0
HSPF		12.0	11.5	10.0	9.5	9.0
COP		4.0	3.8	3.7	3.6	3.2
Power Supply	V/ph/Hz	208-230/1/60				
Minimum Circuit Amps	A	1.5	1.6	2.3	2.8	3.6
Maximum Overcurrent Protection	A	20.0		30.0		
Indoor Units - FTQ Unitary						
Model Name		FTQ18PBVJU	FTQ24PBVJU	FTQ30PBVJU	FTQ36PBVJU	FTQ42PBVJU
External Static Pressure	in. W.G.	Up to 0.50				
Airflow (H/M/L)	CFM	600/510/420	800/680/560	1,000/850/700	1,200/1,020/840	1,400/1,190/980
Piping Connections	Liquid (O.D.)	in. Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8
	Gas (O.D.)	in. Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
	Condensate Drain	in. Ø 1	Ø 1	Ø 1	Ø 1	Ø 1
Dimensions (H x W x D)	in.	48-1/8 x 22 x 26			58-1/4 x 22 x 26	
Net Weight	lbs.	150.0		192.0		203.0
Outdoor Units - RZQ_PVJU9 Heat Pump						
Model Name		RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU9	RZQ36PVJU9	RZQ42PVJU9
Sound Pressure Level - Cooling/Heating	dB(A)	49/49	49/49	49/49	58/58	58/58
Operating Range - Cooling	°F DB	23 - 115	23 - 115	23 - 115	23 - 115	23 - 115
Operating Range - Heating	°F DB	0 - 77	0 - 77	0 - 77	0 - 77	0 - 77
Operating Range - Cooling with Optional Wind Baffle	°F DB	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Operating Range - Heating	°F WB	0 - 60	0 - 60	0 - 60	0 - 60	0 - 60
Max. Piping Length	ft.	98.0		230.0		
Max. Piping Height	ft.	98.0		164.0		
Dimensions (H x W x D)	in.	30-5/16 x 35-7/16 x 12-5/8			52-15/16 x 35-7/16 x 12-5/8	
Net Weight	lbs.	150.0		283.0		
Electric Heater Capacity						
Model Name	HKR-03	HKR-05C	HKR-06	HKR-08C	HKR-10C	HKR-15C
FTQ18PBVJU	○	●	●	X	X	X
FTQ24PBVJU	○	●	●	●	●	X
FTQ30PBVJU	○	○	●	●	●	X
FTQ36PBVJU	○	○	●	●	●	X
FTQ42PBVJU	○	○	○	○	●	●*

○ Electric heater option with heat pump is allowed  
\*Acceptable for 2-step control





● Electric heater option only.

X Not allowed.





# SkyAir Controls

Individual Zone Controllers					
		Navigation Wired R/C BRC1E72	Wireless R/C BRC7E818 BRC4C82 BRC7E83	Wired R/C BRC944B2	Wireless R/C For FTXS ARC452
	Model				
User Friendly	Backlit LCD Display	●			
	°F/°C Selector	●		●	●
	Intuitive Configuration Menu	●			
	Room Temperature Display	●			
	Temperature Sensor Included	●			
	Clock Display 12/24 Hour 24 Hour 24 Hour	12/24 Hour			24 Hour
Operation	English/French/Spanish	●			
	Start/Stop	●	●	●	●
	Operation Mode	●	●	●	●
	Setpoint	Dual / Single	●	●	●
	Auto-changeover	Heat Pump			●
	Independent Cooling and Heating Setpoints	●			
	Setpoint Range Limitation	●			
	Setpoint Minimum Dead-band	0-8°F, Default 2°F			
	Setpoint Range	60° to 90°F (Independent Cool/Heat)	60° to 90°F	64° to 90°F	64° to 90°F
	Setback Unit Off	Range 40°-95°F (Out of Setpoint Range)			
	Permit/Prohibit Selection	Access Level + Individual Button Prohibit			
	Monitoring	Fan Speed	●	●	●
Airflow Direction		●	●	●	●
Status		●	●	●	●
Malfunction Flashing		●	●	●	●
Malfunction Content		●	●	●	●
Filter Sign		●			
Operation Mode		●	●	●	●
Setpoint		●	●	●	●
Permit/Prohibit Selection		●			
Scheduling	Fan Speed	●	●	●	●
	Airflow Direction	●	●	●	●
	Weekly	●			●
	Actions Per Day	5 (Independent Cool/Heat setpoints)		2	4
Data	Scheduling Pattern	7-Day, 5+2, 5+1+1, 1 (EveryDay)			7-Day
	Auto On/Off Timer	●	●	●	●
Control Management	Error History	●			
	Backup During Power Loss	48 Hours			
	Field Setting Mode	●	●		
	7-Day Time Clock	●		●	●
	Setback Function	●			
	Auto Restart	●	●	●	●

## Specifications of Cable for BRC1E72

Type	2-conductor, stranded, non-shielded copper cable / PVC or vinyl jacket
Size	AWG18-2
Total Length	1,640 ft.